



**530RG5C-CC**

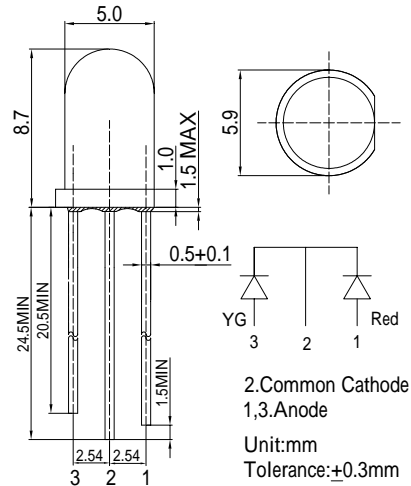
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension

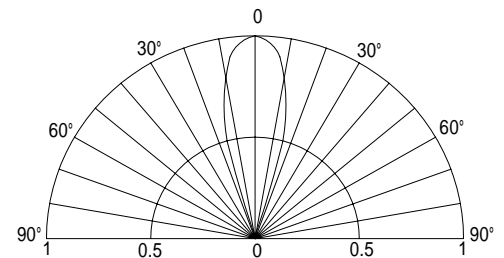


■Absolute Maximum Rating (Ta=25 )

Item	Symbol	Value		Unit
		Red	YG	
DC Forward Current	I <sub>F</sub>	30	30	mA
Pulse Forward Current*	I <sub>FP</sub>	100	100	mA
Reverse Voltage	V <sub>R</sub>	5	5	V
Power Dissipation	P <sub>D</sub>	78	78	mW
Operating Temperature	T <sub>opr</sub>	-30~+85		
Storage Temperature	T <sub>stg</sub>	-40 ~ +100		
Lead Soldering Temperature	T <sub>sol</sub>	260 /5sec		-

\*Pulse width Max.10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics (Ta=25 )

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V <sub>F</sub> (Red)	I <sub>F</sub> =20mA	1.8	2.1	2.6	V
DC Forward Voltage	V <sub>F</sub> (YG)	I <sub>F</sub> =20mA	1.8	2.1	2.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*	λ <sub>D</sub> (Red)	I <sub>F</sub> =20mA	620	625	630	nm
	λ <sub>D</sub> (YG)	I <sub>F</sub> =20mA	565	570	575	nm
Luminous Intensity*	I <sub>v</sub> (Red)	I <sub>F</sub> =20mA	1120	1560	-	mcd
	I <sub>v</sub> (YG)	I <sub>F</sub> =20mA	750	1100	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	30	-	deg

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is +15%